

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518ADATE: 04/14/1999
TIME: 14:36:27

INPUT SET: S31454.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Leonard, Sherry
6 Freedman, Robert
7
8 (ii) TITLE OF INVENTION: ALPHA-7 NICOTINIC RECEPTOR
9
10 (iii) NUMBER OF SEQUENCES: 121
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: MEDLEN & CARROLL, LLP
14 (B) STREET: 220 Montgomery Street, Suite 2200
15 (C) CITY: San Francisco
16 (D) STATE: CA
17 (E) COUNTRY: USA
18 (F) ZIP: 94104
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: US 08/956,518
28 (B) FILING DATE: 23-OCT-1997
29 (C) CLASSIFICATION:
30
31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: MacKnight, Kamrin T.
33 (B) REGISTRATION NUMBER: 38,230
34 (C) REFERENCE/DOCKET NUMBER: UTC-03042
35
36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 415-705-8410
38 (B) TELEFAX: 415-397-8338
39
40
41 (2) INFORMATION FOR SEQ ID NO:1:
42
43 (i) SEQUENCE CHARACTERISTICS:
44 (A) LENGTH: 21 base pairs
45 (B) TYPE: nucleic acid
46 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518ADATE: 04/14/1999
TIME: 14:36:28

INPUT SET: S31454.raw

47 (D) TOPOLOGY: linear
48
49 (ii) MOLECULE TYPE: other nucleic acid
50 (A) DESCRIPTION: /desc = "DNA"
51
52
53
54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 TCCTGATGTC GGCTCCCAAC T 21
58
59 (2) INFORMATION FOR SEQ ID NO:2:
60
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 21 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66
67 (ii) MOLECULE TYPE: other nucleic acid
68 (A) DESCRIPTION: /desc = "DNA"
69
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 GGTACGGATG TGCCAAGGAT A 21
76
77 (2) INFORMATION FOR SEQ ID NO:3:
78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 21 base pairs
81 (B) TYPE: nucleic acid
82 (C) STRANDEDNESS: single
83 (D) TOPOLOGY: linear
84
85 (ii) MOLECULE TYPE: other nucleic acid
86 (A) DESCRIPTION: /desc = "DNA"
87
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 TTTGGGGGTG CTAATCCAGG A 21
94
95 (2) INFORMATION FOR SEQ ID NO:4:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 21 base pairs
99 (B) TYPE: nucleic acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518ADATE: 04/14/1999
TIME: 14:36:28

INPUT SET: S31454.raw

100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: other nucleic acid
104 (A) DESCRIPTION: /desc = "DNA"
105
106
107
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
110

TTGTTTTTCCT TCCACCAGTC A

21

112
113 (2) INFORMATION FOR SEQ ID NO:5:
114
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 22 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120
121 (ii) MOLECULE TYPE: other nucleic acid
122 (A) DESCRIPTION: /desc = "DNA"
123
124
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
128

CTCGCTGCAG CTCCGGGACT CA

22

129
130
131 (2) INFORMATION FOR SEQ ID NO:6:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 20 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
138
139 (ii) MOLECULE TYPE: other nucleic acid
140 (A) DESCRIPTION: /desc = "DNA"
141
142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
146

GGAGGCTCAG GGAGAAGTAG

20

147
148
149 (2) INFORMATION FOR SEQ ID NO:7:
150
151 (i) SEQUENCE CHARACTERISTICS:
152 (A) LENGTH: 21 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518ADATE: 04/14/1999
TIME: 14:36:28

INPUT SET: S31454.raw

153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: single
155 (D) TOPOLOGY: linear
156
157 (ii) MOLECULE TYPE: other nucleic acid
158 (A) DESCRIPTION: /desc = "DNA"
159
160
161
162
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
164
165 CTCCAGGATC TTGGCCAAGT C 21
166
167 (2) INFORMATION FOR SEQ ID NO:8:
168
169 (i) SEQUENCE CHARACTERISTICS:
170 (A) LENGTH: 21 base pairs
171 (B) TYPE: nucleic acid
172 (C) STRANDEDNESS: single
173 (D) TOPOLOGY: linear
174
175 (ii) MOLECULE TYPE: other nucleic acid
176 (A) DESCRIPTION: /desc = "DNA"
177
178
179
180
181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
182
183 AGATGCCCAA GTGGACCAGA G 21
184
185 (2) INFORMATION FOR SEQ ID NO:9:
186
187 (i) SEQUENCE CHARACTERISTICS:
188 (A) LENGTH: 337 base pairs
189 (B) TYPE: nucleic acid
190 (C) STRANDEDNESS: single
191 (D) TOPOLOGY: linear
192
193 (ii) MOLECULE TYPE: other nucleic acid
194 (A) DESCRIPTION: /desc = "DNA"
195
196
197
198
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
200
201 AGATGCCCAA GTGGACCAGA GTCATCCTTC TGAAGTGGTG CGCGTGGTTC CTGCGAATGA 60
202
203 AGAGGCCCGG GGAGGACAAG GTGCGCCCGG CCTGCCAGCA CAAGCAGCGG CGCTGCAGCC 120
204
205 TGGCCAGTGT GGAGATGAGC GCCGTGGGCC CGCCGCCCGC CAGCAACGGG AACCTGCTGT 180

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518ADATE: 04/14/1999
TIME: 14:36:29

INPUT SET: S31454.raw

206
207 ACATCGGCTT CCGCGGCCTG GACGGCGTGC ACTGTGTCCC GACCCCCGAC TCTGGGGTAG 240
208
209 TGTGTGGCCG CATGGCCTGC TCCCCACGC ACGATGAGCA CCTCCTGCAC GGCGGGCAAC 300
210
211 CCCCCGAGGG GGACCCGGAC TTGGCCAAGA TCCTGGA 337
212

213 (2) INFORMATION FOR SEQ ID NO:10:
214

215 (i) SEQUENCE CHARACTERISTICS:
216 (A) LENGTH: 32 base pairs
217 (B) TYPE: nucleic acid
218 (C) STRANDEDNESS: single
219 (D) TOPOLOGY: linear
220

221 (ii) MOLECULE TYPE: other nucleic acid
222 (A) DESCRIPTION: /desc = "DNA"
223
224
225
226

227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
228

229 CACACACACA CACACACACA CACACACACA CA 32
230

231 (2) INFORMATION FOR SEQ ID NO:11:
232

233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 54 base pairs
235 (B) TYPE: nucleic acid
236 (C) STRANDEDNESS: single
237 (D) TOPOLOGY: linear
238

239 (ii) MOLECULE TYPE: other nucleic acid
240 (A) DESCRIPTION: /desc = "DNA"
241
242
243
244

245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
246

247 CACACACACA TCACACACAC ACACACACAC ACACATACAC ACACACACCA CACA 54
248

249 (2) INFORMATION FOR SEQ ID NO:12:
250

251 (i) SEQUENCE CHARACTERISTICS:
252 (A) LENGTH: 16 base pairs
253 (B) TYPE: nucleic acid
254 (C) STRANDEDNESS: single
255 (D) TOPOLOGY: linear
256

257 (ii) MOLECULE TYPE: other nucleic acid
258 (A) DESCRIPTION: /desc = "DNA"

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/956,518A

DATE: 04/14/1999
TIME: 14:36:29

INPUT SET: S31454.raw

Line

Error

Original Text